

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021521\
 Data File : VW020322.D
 Acq On : 15 Feb 2021 12:40
 Operator : SY/MD
 Sample : M1370-12ME
 Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBGY8ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M

Title : VOC Analysis

Signal : TIC: VW020322.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.211	49	53	57	rBV2	6759	6462	0.02%	0.007%
2	1.304	74	82	98	rVB	241960	277594	0.82%	0.320%
3	1.558	155	161	172	rVB	137669	170252	0.50%	0.196%
4	2.076	312	322	335	rBV	474801	682689	2.02%	0.787%
5	2.182	347	355	378	rVB	66686	175376	0.52%	0.202%
6	2.436	426	434	444	rBV2	10446	19640	0.06%	0.023%
7	2.606	481	487	488	rBV4	1193	1328	0.00%	0.002%
8	2.957	586	596	606	rVV6	4162	9515	0.03%	0.011%
9	3.741	831	840	844	rBV5	894	1386	0.00%	0.002%
10	3.847	869	873	876	rBV3	648	552	0.00%	0.001%
11	3.899	876	889	951	rBV2	97787	496981	1.47%	0.573%
12	4.346	1011	1028	1064	rVB	294457	801108	2.37%	0.923%
13	5.037	1225	1243	1283	rBV2	832007	2104016	6.22%	2.425%
14	5.330	1324	1334	1335	rBV5	4169	4888	0.01%	0.006%
15	5.426	1362	1364	1368	rVB5	1132	697	0.00%	0.001%
16	5.484	1371	1382	1394	rBV9	5154	11338	0.03%	0.013%
17	5.548	1395	1402	1408	rBV6	2271	4063	0.01%	0.005%
18	5.613	1409	1422	1456	rVB	657136	1395124	4.13%	1.608%
19	5.802	1471	1481	1499	rVB10	3288	8793	0.03%	0.010%
20	5.902	1500	1512	1532	rBV4	21021	47375	0.14%	0.055%
21	5.989	1532	1539	1548	rVV10	2397	4321	0.01%	0.005%
22	6.069	1550	1564	1595	rVB	418945	920348	2.72%	1.061%
23	6.587	1716	1725	1730	rBV6	631	889	0.00%	0.001%
24	6.641	1730	1742	1755	rBV10	4746	11807	0.03%	0.014%
25	6.764	1768	1780	1781	rBV4	3313	3777	0.01%	0.004%
26	6.873	1808	1814	1824	rVV5	2166	3942	0.01%	0.005%
27	6.989	1836	1850	1880	rBV	204200	429340	1.27%	0.495%
28	7.256	1922	1933	1940	rVV5	8280	17393	0.05%	0.020%
29	7.317	1940	1952	1968	rVV	915410	1669595	4.94%	1.924%
30	7.394	1969	1976	2006	rVB	45515	102887	0.30%	0.119%
31	7.567	2022	2030	2038	rBV2	9310	12937	0.04%	0.015%
32	7.625	2038	2048	2075	rBV	133173	284544	0.84%	0.328%
33	7.796	2095	2101	2108	rVB9	1550	2277	0.01%	0.003%
34	7.879	2121	2127	2134	rVV6	1848	2374	0.01%	0.003%
35	8.056	2176	2182	2184	rBV2	912	849	0.00%	0.001%
36	8.127	2184	2204	2238	rBV2	355945	1162456	3.44%	1.340%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Title : VOC Analysis

37	8.577	2339	2344	2345	rBV2	969	877	0.00%	0.001%
38	8.670	2368	2373	2377	rVV6	1006	1326	0.00%	0.002%
39	8.706	2381	2384	2388	rVB4	895	718	0.00%	0.001%
40	8.857	2418	2431	2462	rBV	938643	1773277	5.24%	2.044%
41	9.011	2469	2479	2486	rBV8	2627	4887	0.01%	0.006%
42	9.095	2494	2505	2515	rVV8	11734	24620	0.07%	0.028%
43	9.149	2515	2522	2532	rVV6	4979	8550	0.03%	0.010%
44	9.210	2535	2541	2556	rVB7	6428	11535	0.03%	0.013%
45	9.339	2578	2581	2583	rBV3	909	583	0.00%	0.001%
46	9.455	2603	2617	2635	rVB3	6774	17415	0.05%	0.020%
47	9.532	2635	2641	2643	rBV5	909	992	0.00%	0.001%
48	9.551	2643	2647	2651	rBV7	1460	1378	0.00%	0.002%
49	9.680	2679	2687	2693	rBV8	1891	2646	0.01%	0.003%
50	9.722	2696	2700	2701	rBV3	1092	682	0.00%	0.001%
51	9.757	2701	2711	2720	rBV2	26871	46330	0.14%	0.053%
52	9.911	2750	2759	2765	rBV4	8053	13211	0.04%	0.015%
53	10.014	2783	2791	2800	rVB7	6725	11590	0.03%	0.013%
54	10.082	2805	2812	2813	rBV4	1239	1261	0.00%	0.001%
55	10.140	2818	2830	2836	rBV5	25130	49318	0.15%	0.057%
56	10.188	2837	2845	2849	rVV2	94811	145679	0.43%	0.168%
57	10.233	2850	2859	2873	rVB	578459	1010712	2.99%	1.165%
58	10.323	2882	2887	2897	rVB9	4008	5462	0.02%	0.006%
59	10.403	2906	2912	2920	rBV9	10928	19551	0.06%	0.023%
60	10.458	2922	2929	2937	rVB2	33822	50210	0.15%	0.058%
61	10.577	2959	2966	2985	rVB5	42364	89909	0.27%	0.104%
62	10.673	2990	2996	3010	rVB7	6501	11390	0.03%	0.013%
63	10.841	3041	3048	3052	rBV4	6103	8772	0.03%	0.010%
64	10.921	3066	3073	3082	rVB	32468	47717	0.14%	0.055%
65	11.040	3102	3110	3120	rBV3	15512	29725	0.09%	0.034%
66	11.153	3135	3145	3154	rBV	73053	123531	0.37%	0.142%
67	11.201	3155	3160	3167	rVB5	29233	39220	0.12%	0.045%
68	11.259	3167	3178	3193	rBV	1238586	1929807	5.71%	2.224%
69	11.397	3215	3221	3227	rBV	35131	42178	0.12%	0.049%
70	11.548	3260	3268	3271	rBV8	3581	5863	0.02%	0.007%
71	11.635	3283	3295	3320	rVB	1065338	1686945	4.99%	1.944%
72	11.792	3338	3344	3354	rVB4	18400	28541	0.08%	0.033%
73	11.863	3359	3366	3374	rVB8	7505	12853	0.04%	0.015%
74	11.915	3375	3382	3387	rBV8	5775	9795	0.03%	0.011%
75	12.062	3422	3428	3435	rBV3	9190	12406	0.04%	0.014%
76	12.169	3454	3461	3469	rVB2	21588	31160	0.09%	0.036%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Title : VOC Analysis

77	12.262	3480	3490	3499	rVB2	11254	20039	0.06%	0.023%
78	12.394	3524	3531	3548	rVB2	20681	39251	0.12%	0.045%
79	12.567	3580	3585	3590	rBV9	2643	3474	0.01%	0.004%
80	12.603	3593	3596	3598	rBV3	3376	2694	0.01%	0.003%
81	12.744	3629	3640	3658	rBV4	49765	101331	0.30%	0.117%
82	12.895	3682	3687	3702	rVB4	10725	17965	0.05%	0.021%
83	13.130	3753	3760	3766	rBV2	33017	43949	0.13%	0.051%
84	13.378	3829	3837	3854	rBV4	30446	67611	0.20%	0.078%
85	14.291	4117	4121	4129	rVB	34885	44628	0.13%	0.051%
86	14.445	4160	4169	4178	rBV2	97648	163468	0.48%	0.188%
87	14.676	4231	4241	4251	rBV3	580743	1033329	3.06%	1.191%
88	14.885	4298	4306	4318	rVB4	401740	690144	2.04%	0.795%
89	15.030	4337	4351	4359	rBV5	1012076	2145584	6.35%	2.473%
90	15.078	4360	4366	4374	rVV2	533806	797014	2.36%	0.919%
91	15.149	4374	4388	4409	rVB	4556784	8914469	26.36%	10.274%
92	15.275	4420	4427	4432	rBV	394056	528457	1.56%	0.609%
93	15.323	4432	4442	4459	rVB	9288770	14596361	43.17%	16.822%
94	15.410	4462	4469	4479	rBV3	192429	338464	1.00%	0.390%
95	15.516	4482	4502	4514	rBV	20880350	33813962	100.00%	38.970%
96	15.689	4548	4556	4578	rVB6	388656	876826	2.59%	1.011%
97	15.914	4617	4626	4655	rVB2	2205385	3961366	11.72%	4.565%
98	16.442	4785	4790	4797	rBV	38548	57735	0.17%	0.067%
99	16.625	4840	4847	4855	rVB2	69527	99722	0.29%	0.115%
100	17.384	5076	5083	5106	rVB3	126361	249400	0.74%	0.287%

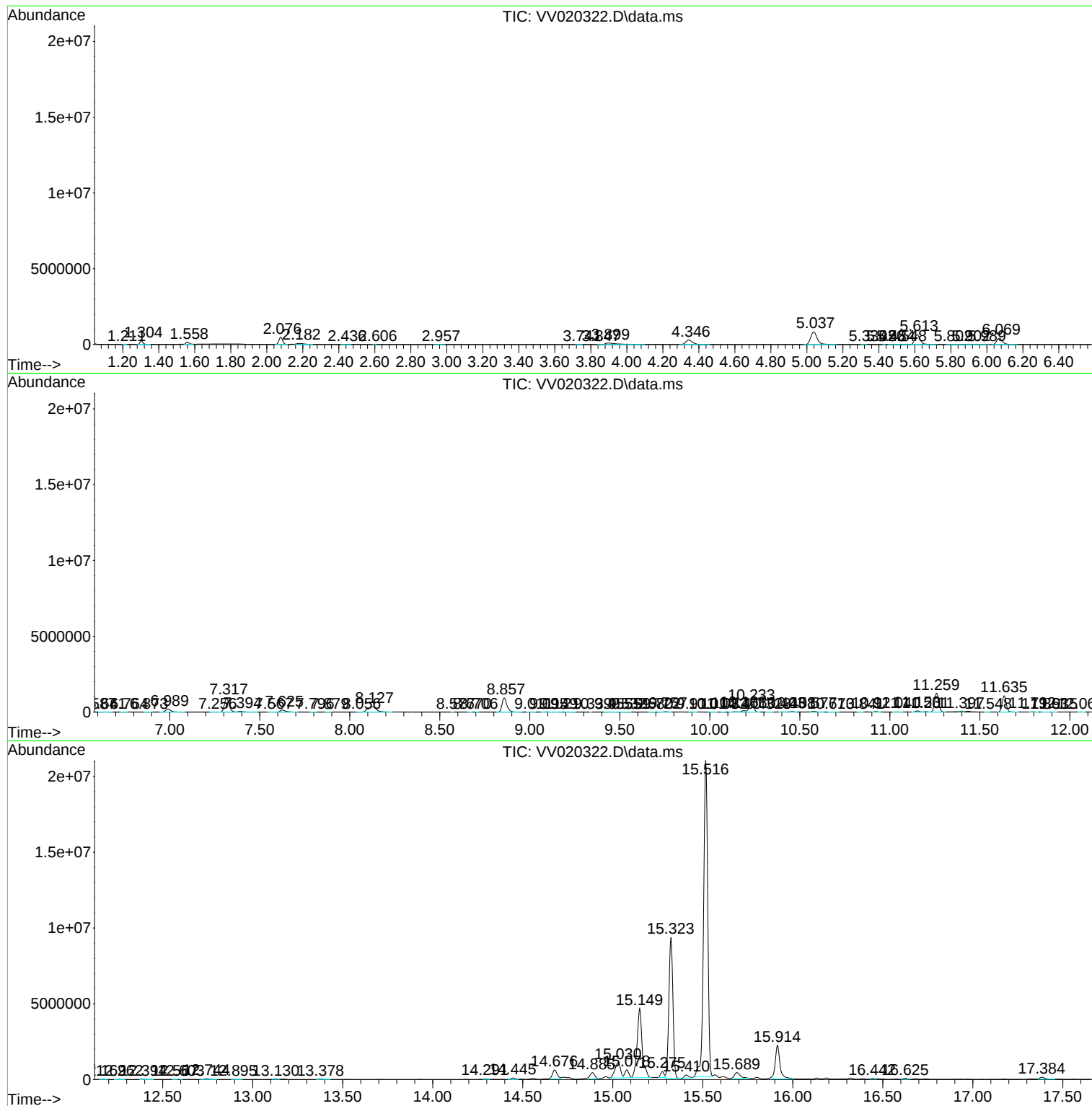
Sum of corrected areas: 86768778

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MSVOA_V
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_V
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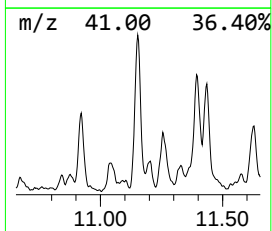
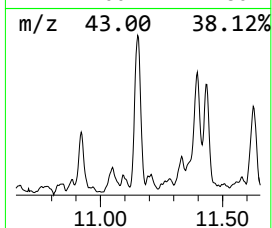
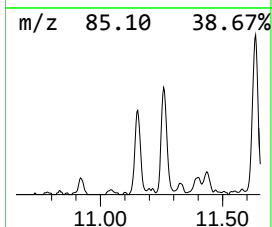
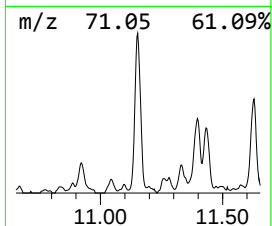
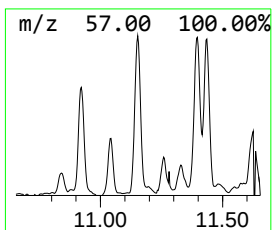
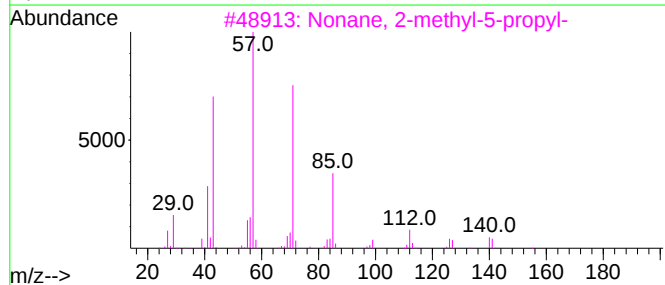
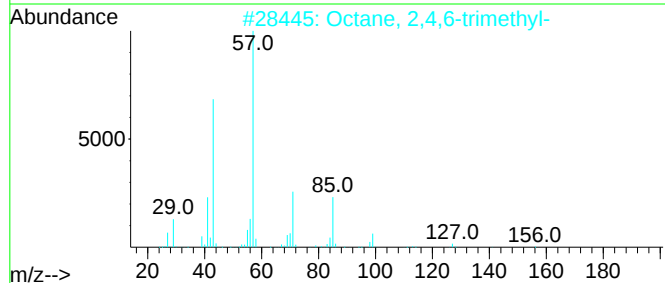
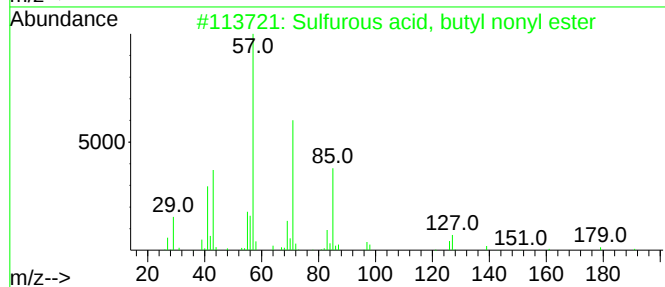
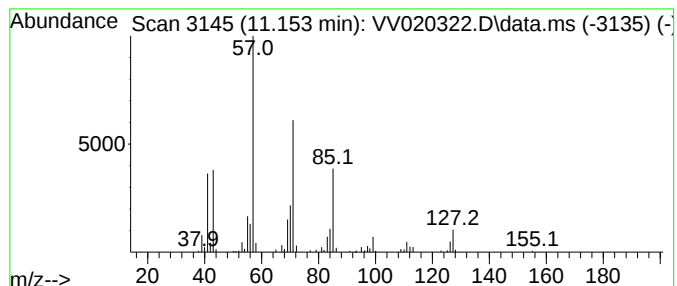
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, butyl nonyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.153	3.20 ug/L	123531	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50



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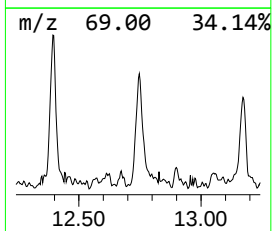
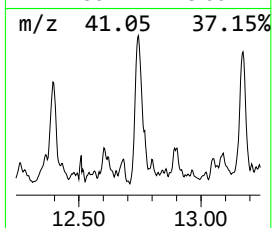
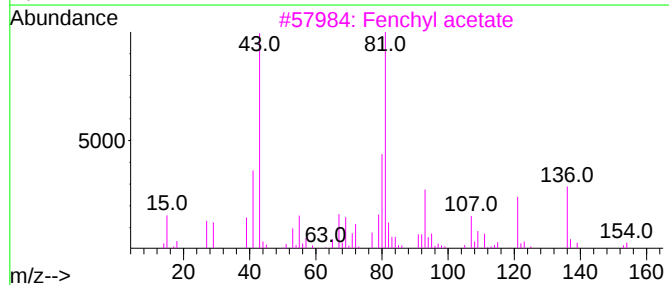
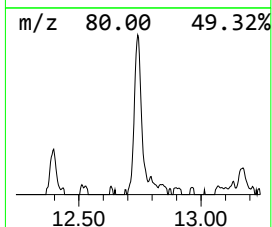
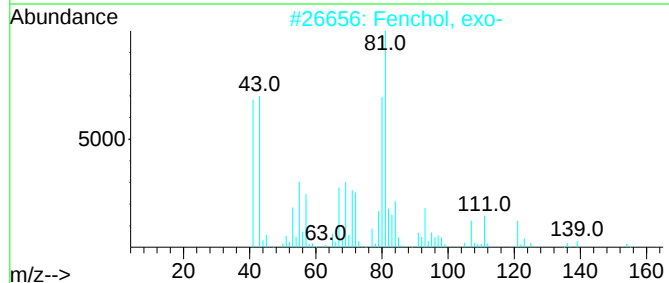
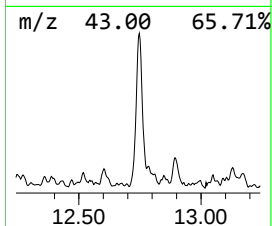
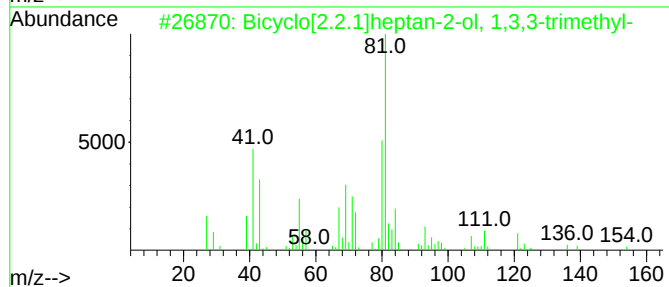
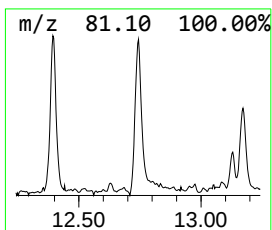
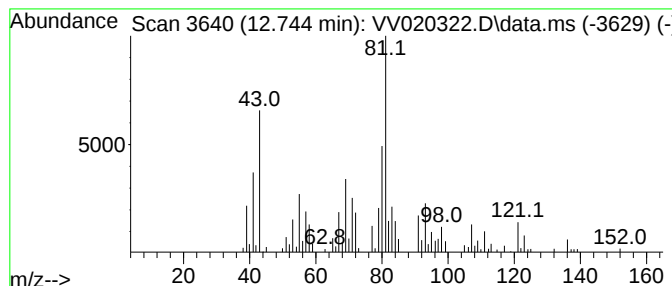
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.744	2.63 ug/L	101331	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	72
2			Fenchol, exo-	154	C10H18O	022627-95-8	64
3			Fenchyl acetate	196	C12H20O2	013851-11-1	64
4			Fenchyl acetate	196	C12H20O2	013851-11-1	64
5			Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	64



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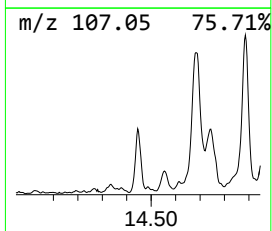
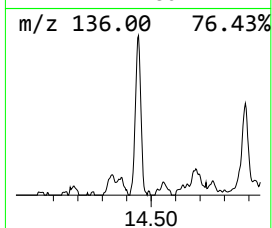
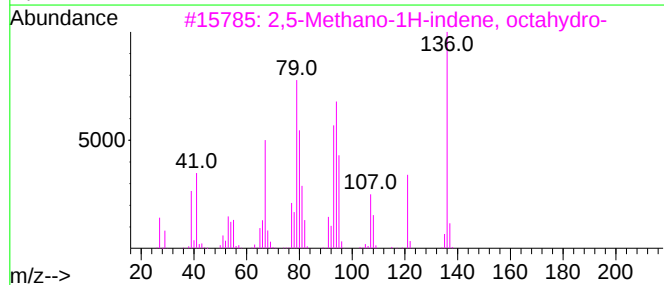
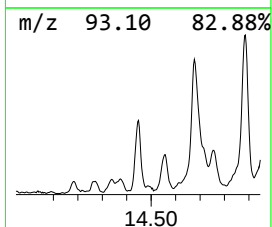
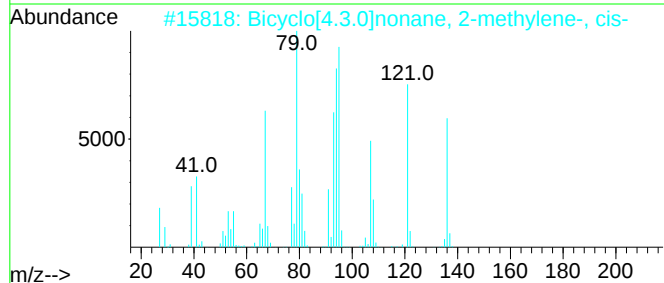
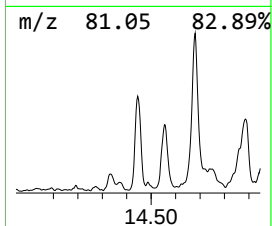
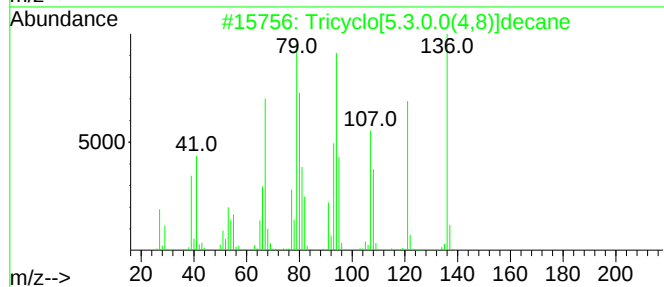
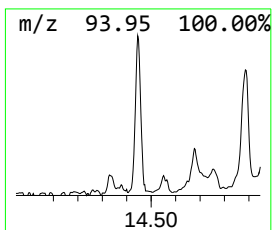
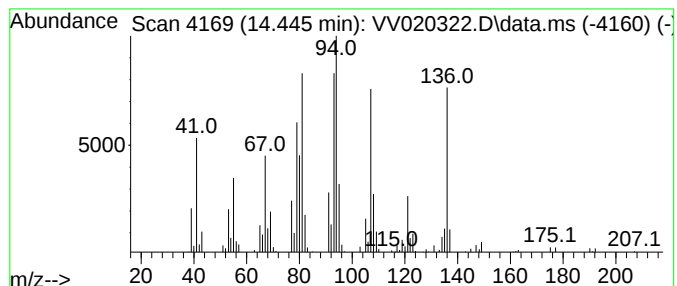
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tricyclo[5.3.0.0(4,8)]decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.445	4.24 ug/L	163468	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[5.3.0.0(4,8)]decane	136	C10H16	019485-20-2	70
2			Bicyclo[4.3.0]nonane, 2-methylen...	136	C10H16	040954-37-8	58
3			2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	55
4			Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	50
5			Bicyclo[3.2.2]non-6-en-3-one	136	C9H12O	100072-31-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

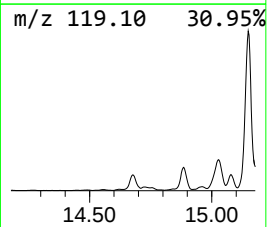
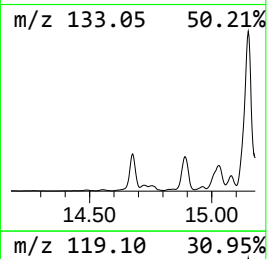
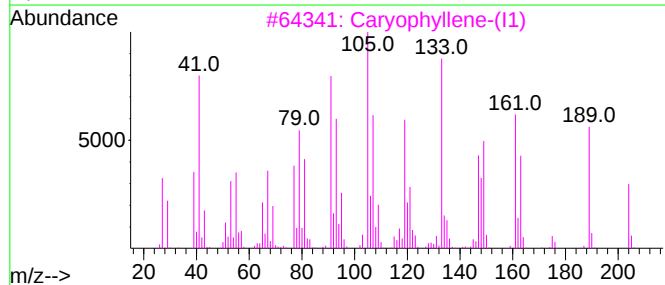
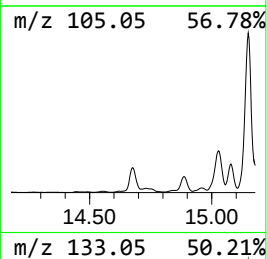
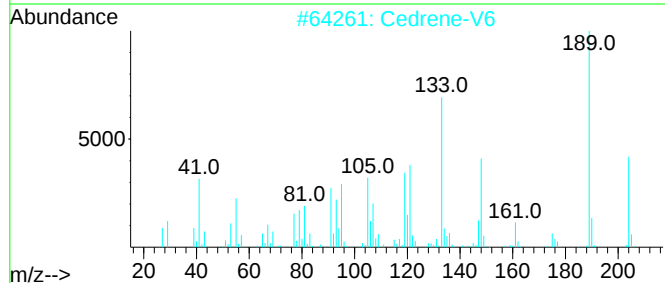
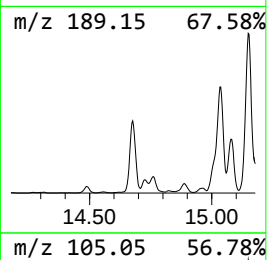
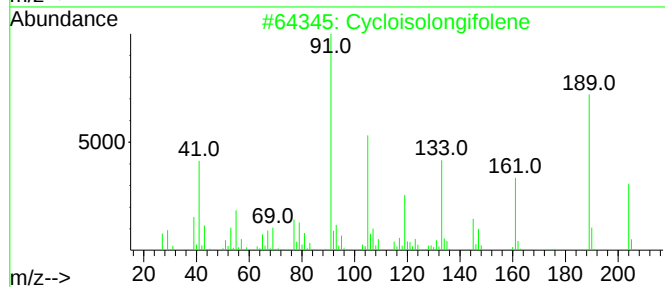
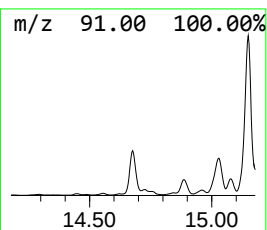
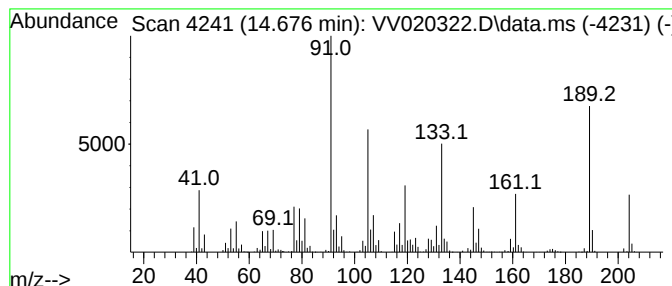
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cycloisolongifolene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.677	26.77 ug/L	1033330	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloisolongifolene	204	C15H24	1000151-99-7	95
2			Cedrene-V6	204	C15H24	1000162-76-8	70
3			Caryophyllene-(I1)	204	C15H24	1000158-18-5	50
4			Dihydrocoumarin, 4,4,5,7-tetrame...	204	C13H16O2	040662-14-4	46
5			1H-Indene, 2,3,3a,4-tetrahydro-3...	204	C15H24	059742-39-1	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

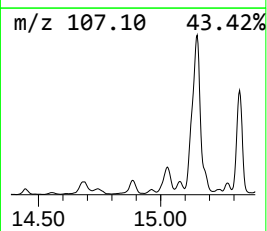
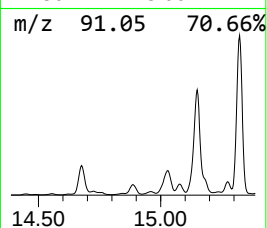
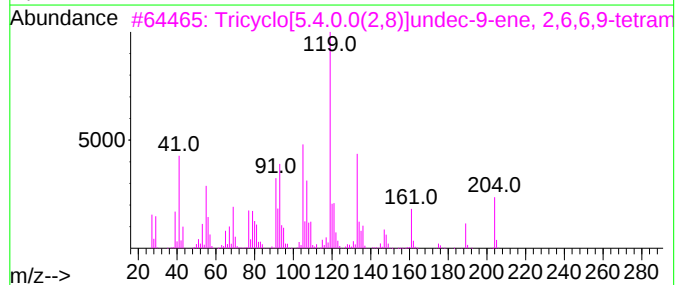
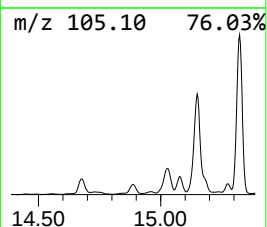
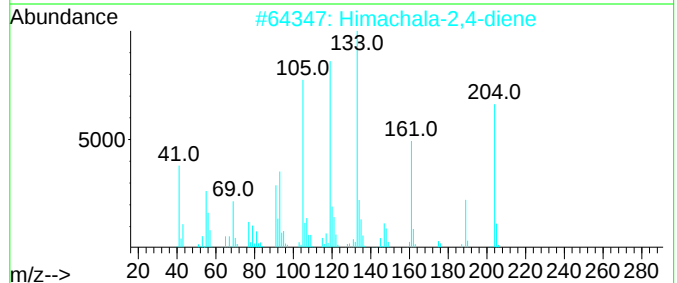
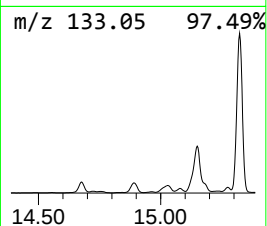
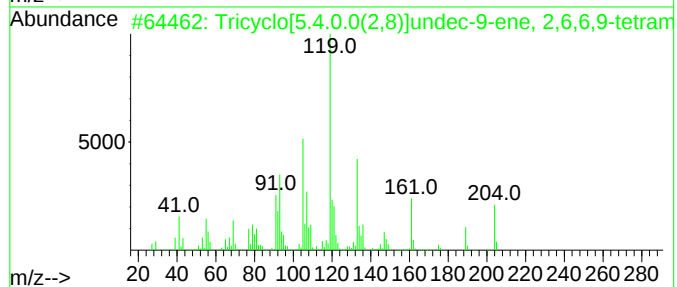
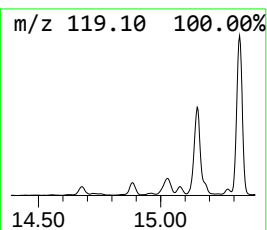
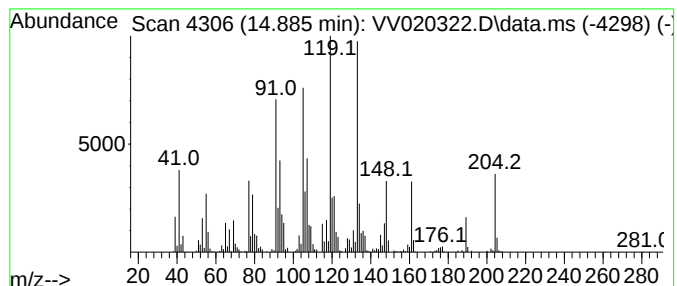
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tricyclo[5.4.0.0(2,8)]undec... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	17.88 ug/L	690144	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	93
2			Himachala-2,4-diene	204	C15H24	060909-27-5	90
3			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	89
4			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	60
5			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

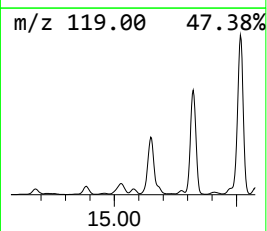
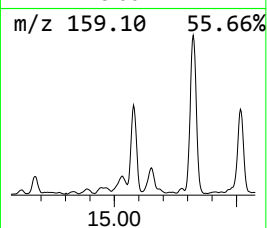
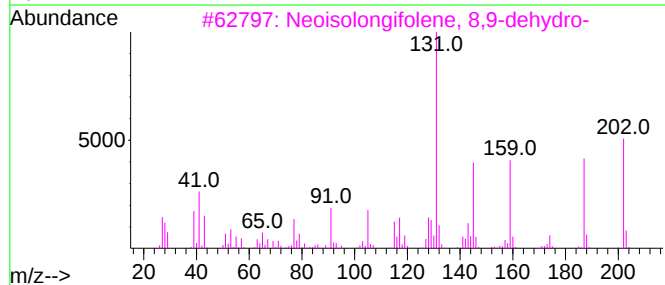
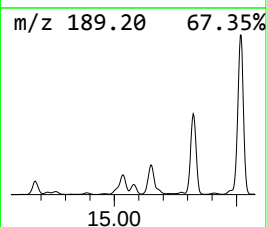
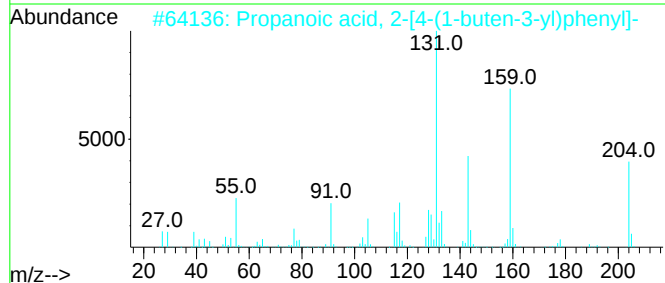
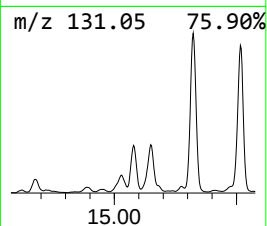
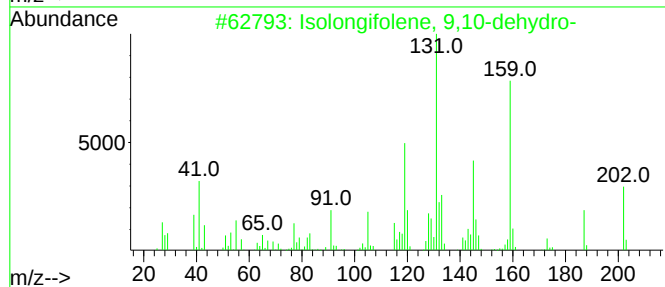
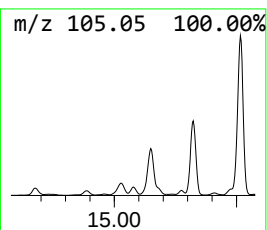
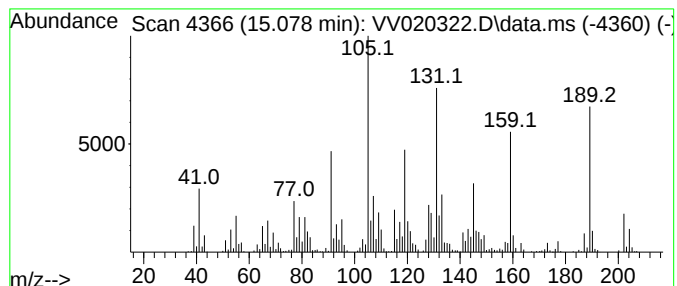
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Isolongifolene, 9,10-dehydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.078	20.65 ug/L	797014	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isolongifolene, 9,10-dehydro-	202	C15H22	1000151-67-1	95
2			Propanoic acid, 2-[4-(1-buten-3-...	204	C13H16O2	1000162-33-3	43
3			Neoisolongifolene, 8,9-dehydro-	202	C15H22	067517-14-0	41
4			Cycloisolongifolene, 8,9-dehydro-	202	C15H22	1000151-28-0	35
5			Quinoline, 6-methyl-, 1-oxide	159	C10H9NO	004053-42-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

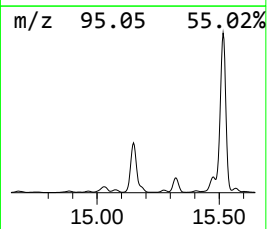
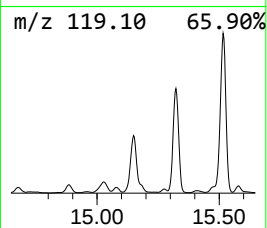
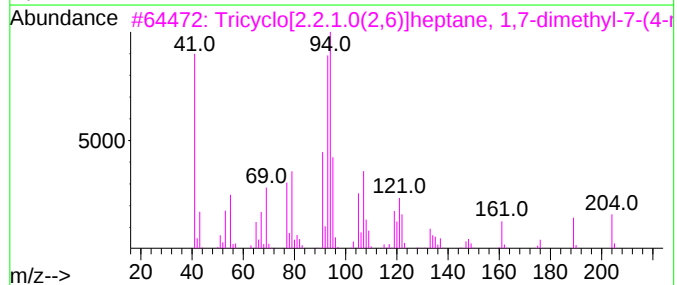
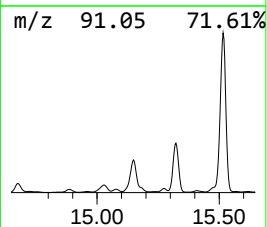
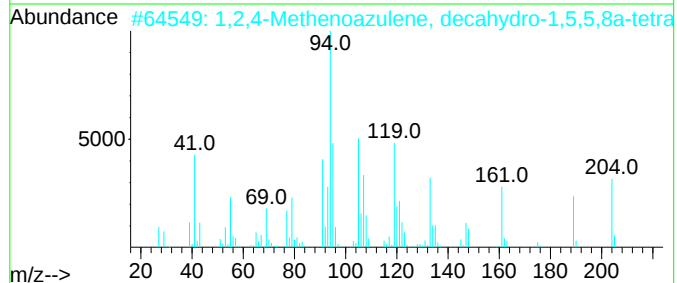
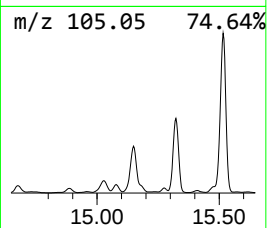
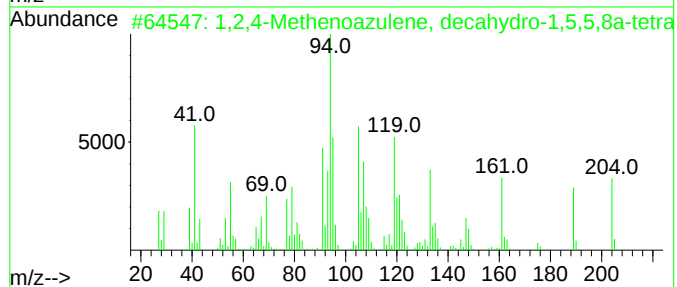
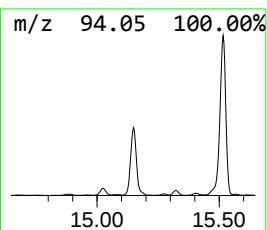
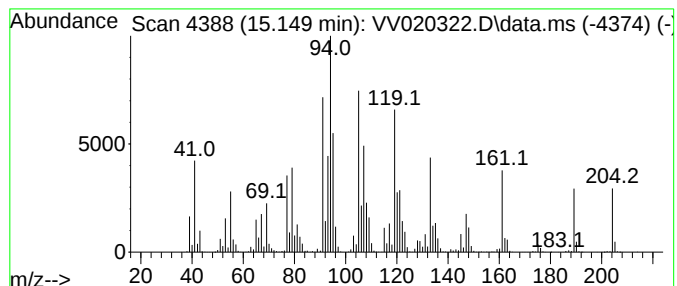
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1,2,4-Methenoazulene, decah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.149	230.97 ug/L	8914470	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Methenoazulene, decahydro-...	204	C15H24	001137-12-8	99		
2	1,2,4-Methenoazulene, decahydro-...	204	C15H24	001137-12-8	99		
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	204	C15H24	000512-61-8	83		
4	.alpha.-Guaiene	204	C15H24	003691-12-1	70		
5	Alloaromadendrene	204	C15H24	025246-27-9	64		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

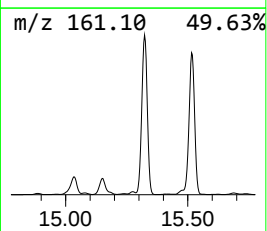
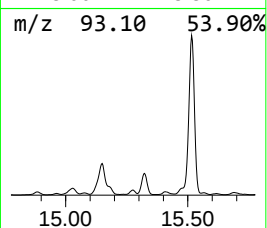
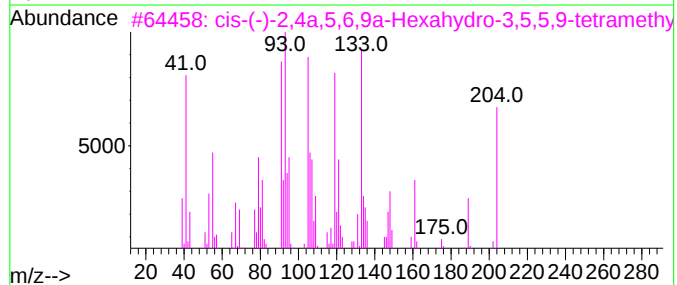
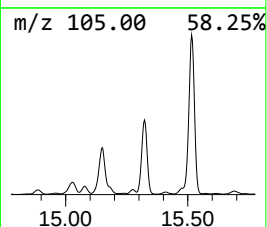
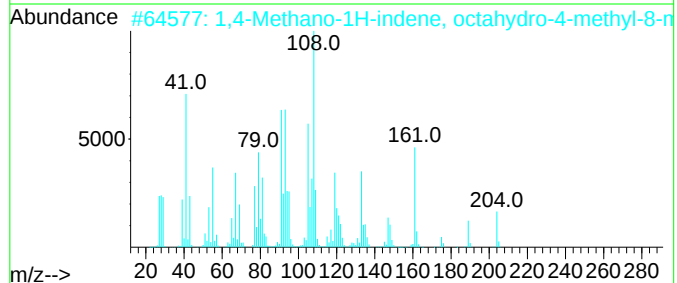
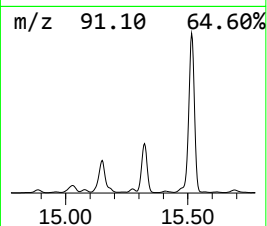
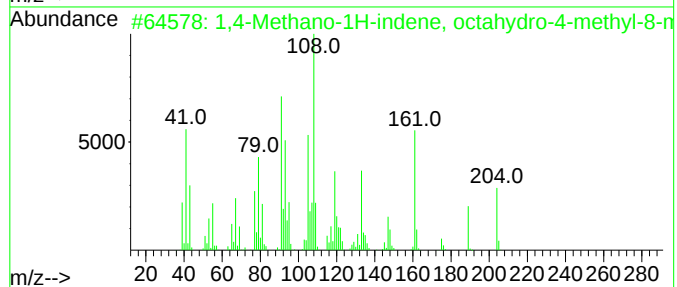
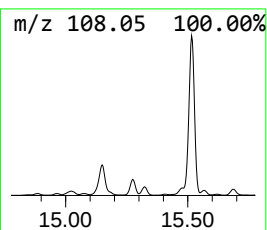
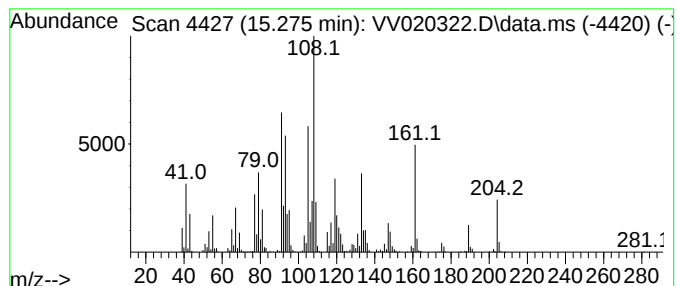
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,4-Methano-1H-indene, octa... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.275	13.69 ug/L	528457	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	92
2			1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	90
3			cis-(-)-2,4a,5,6,9a-Hexahydro-3,...	204	C15H24	1000104-20-1	86
4			1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	78
5			1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	080923-88-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
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Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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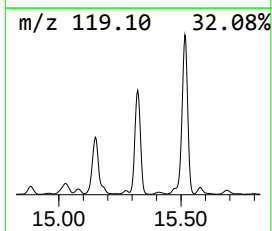
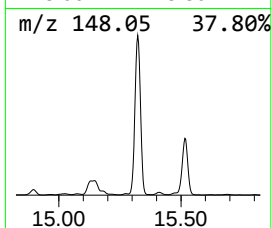
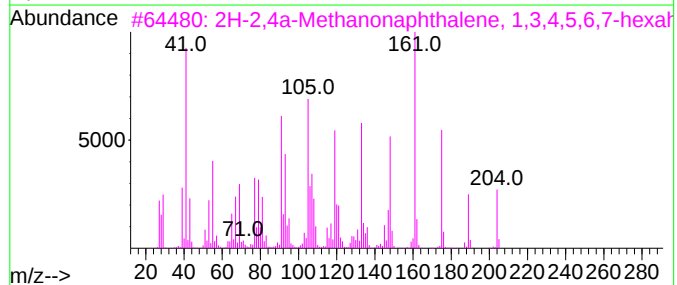
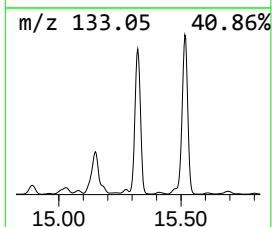
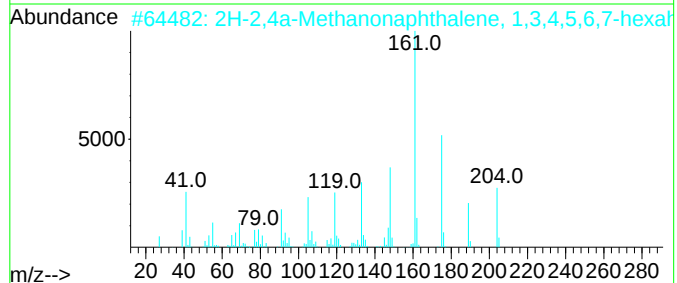
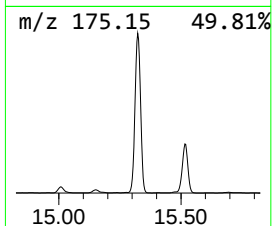
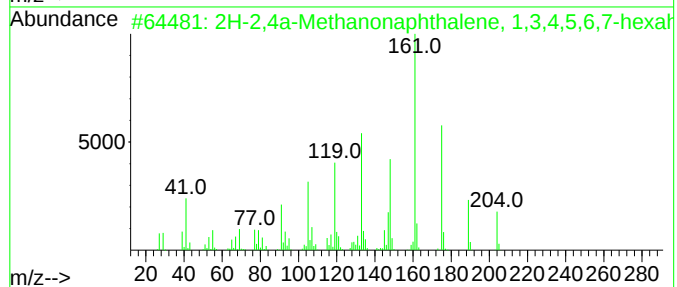
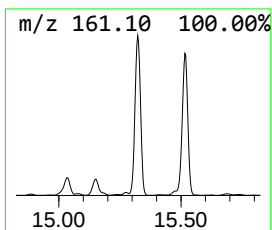
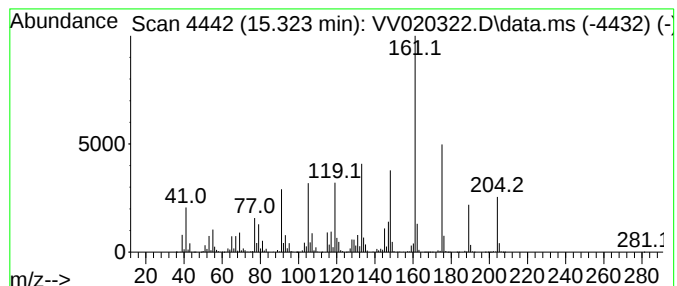
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2H-2,4a-Methanonaphthalene,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.323	378.18 ug/L	14596400	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	98
2			2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	98
3			2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	94
4			Epizonarene	204	C15H24	041702-63-0	83
5			.beta.-Panasinsene	204	C15H24	1000159-39-0	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

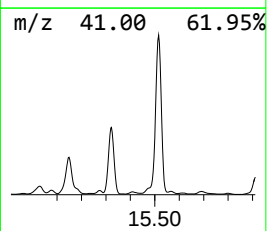
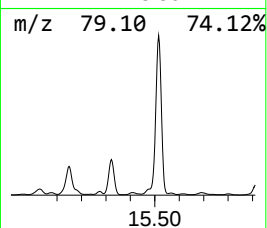
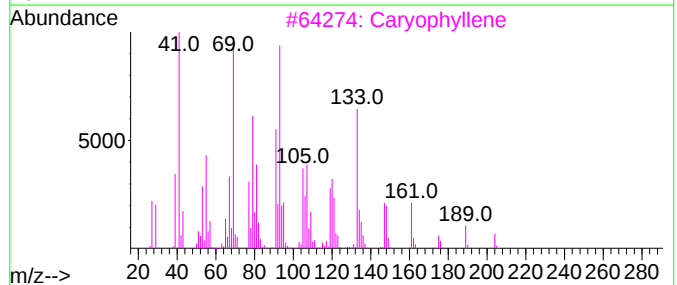
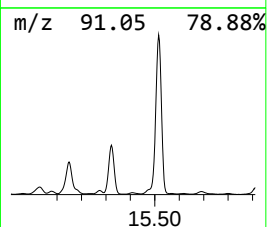
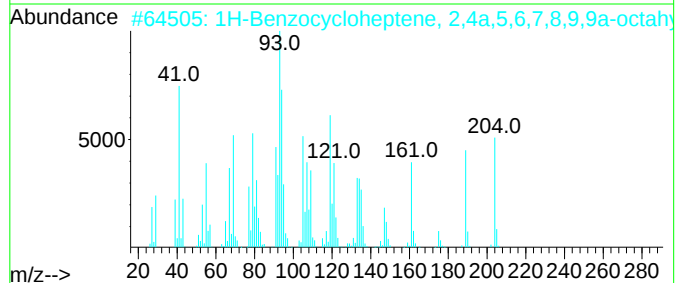
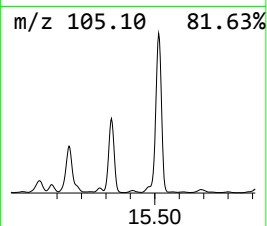
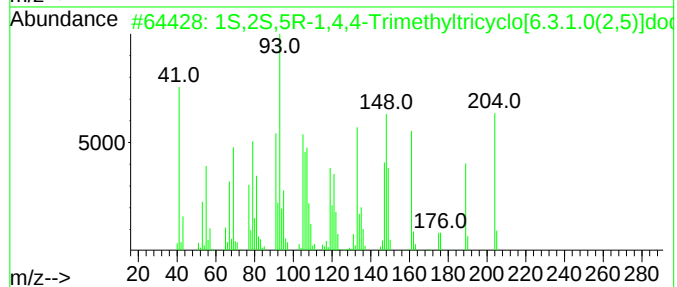
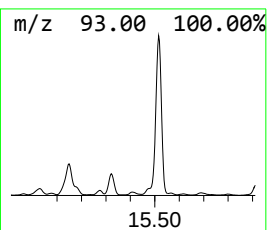
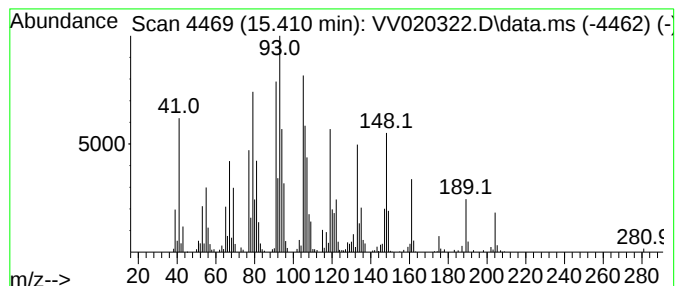
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1S,2S,5R-1,4,4-Trimethyltri... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	8.77 ug/L	338464	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	91		
2	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	86		
3	Caryophyllene	204	C15H24	000087-44-5	70		
4	Alloaromadendrene	204	C15H24	025246-27-9	62		
5	4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	60		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

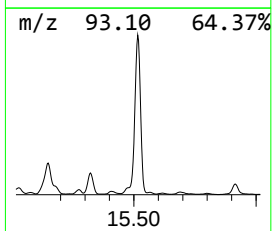
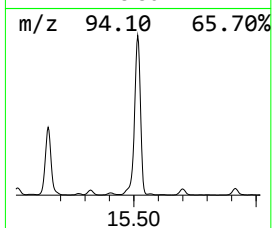
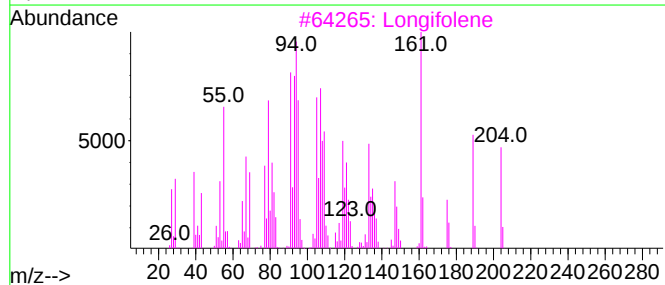
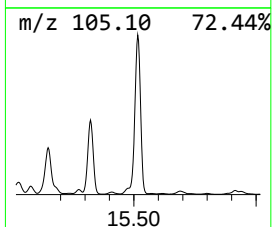
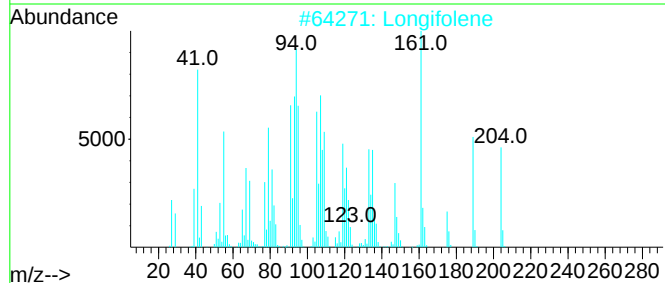
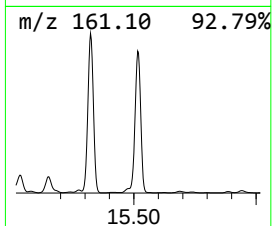
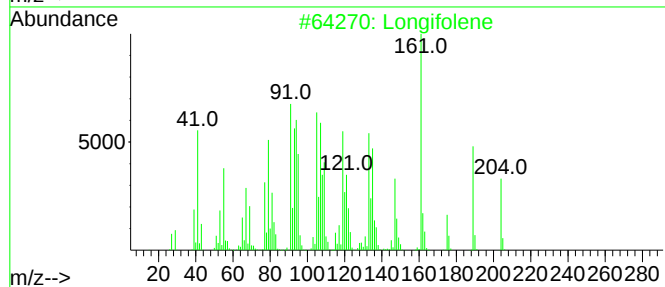
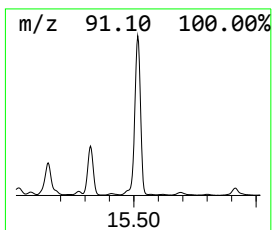
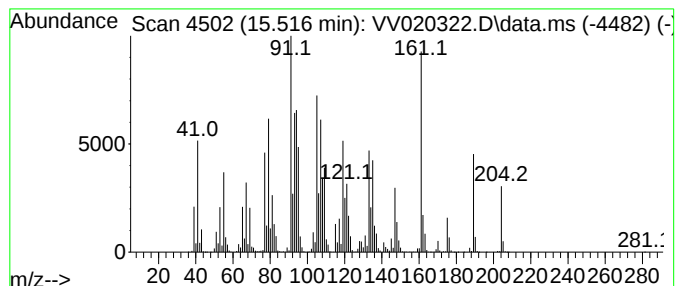
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Longifolene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.516	876.10 ug/L	33814000	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Longifolene	204	C15H24	000475-20-7	99
3			Longifolene	204	C15H24	000475-20-7	99
4			Longifolene	204	C15H24	000475-20-7	99
5			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

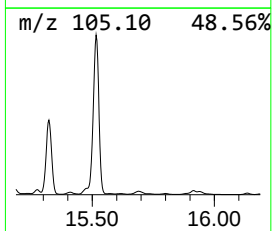
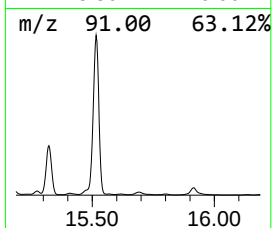
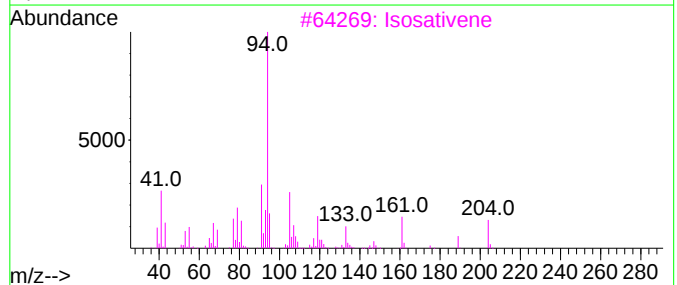
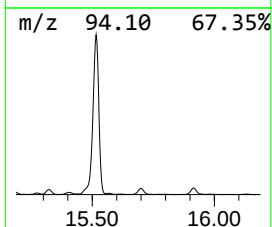
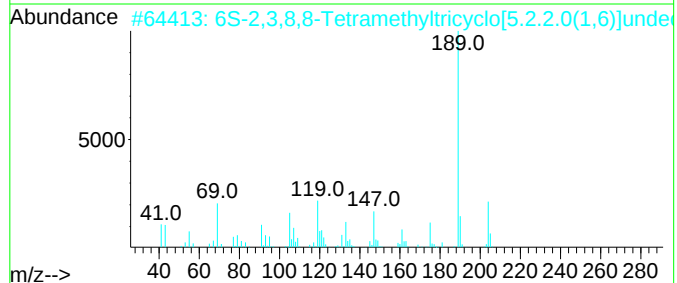
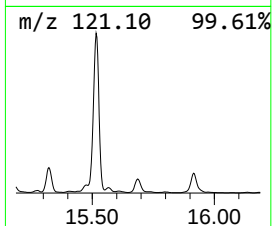
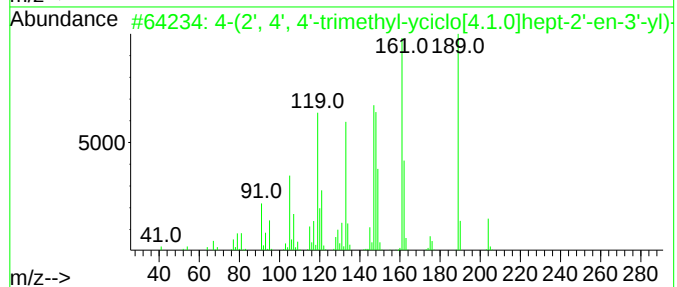
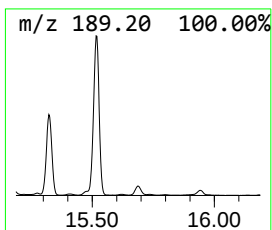
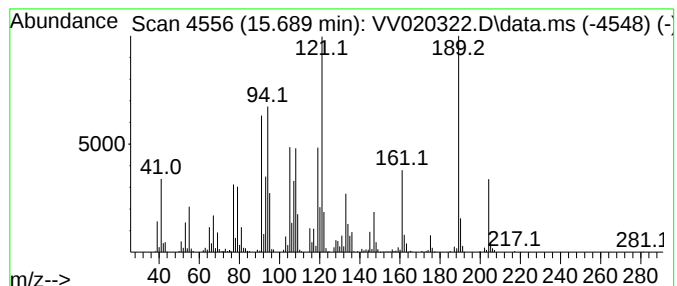
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 4-(2', 4', 4'-trimethyl-yci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.689	22.72 ug/L	876826	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(2', 4', 4'-trimethyl-yciclo[4... 204	C14H200		1000373-94-4	70
2			6S-2,3,8,8-Tetramethyltricyclo[5... 204	C15H24		137235-48-4	70
3			Isosativene 204	C15H24		024959-83-9	42
4			Longifolene-I2 204	C15H24		1000162-76-7	38
5			Benzene, 1,3,5-tris(1-methylethyl)- 204	C15H24		000717-74-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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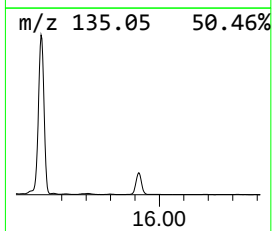
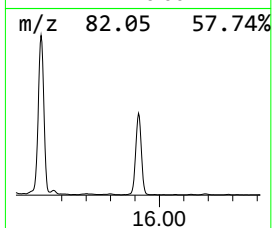
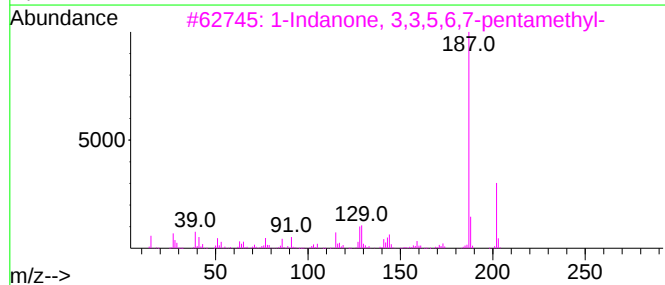
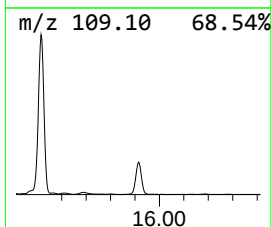
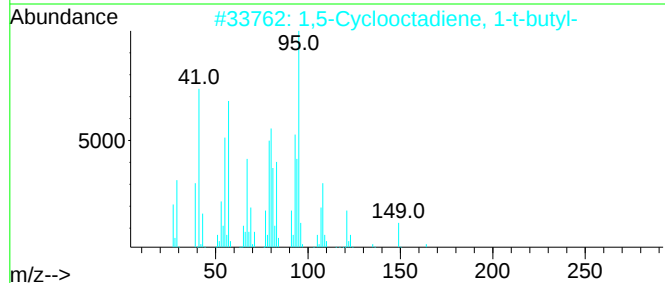
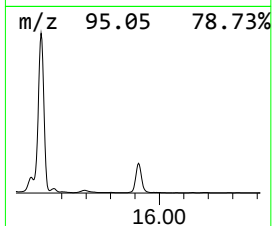
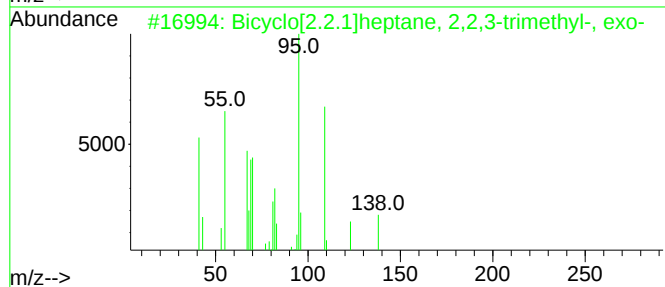
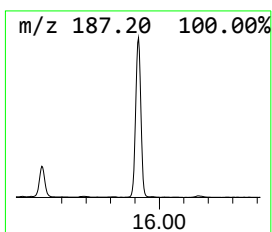
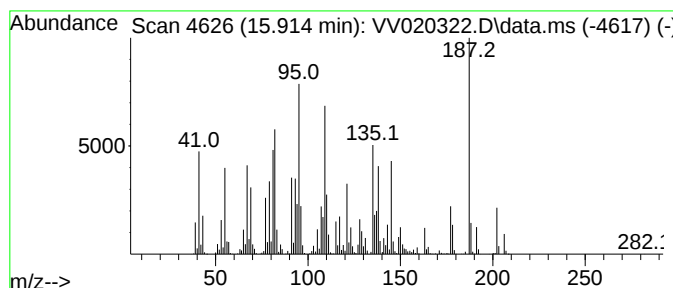
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.914	102.64 ug/L	3961370	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	38
2			1,5-Cyclooctadiene, 1-t-butyl-	164	C12H20	1000152-18-6	25
3			1-Indanone, 3,3,5,6,7-pentamethyl-	202	C14H18O	016204-69-6	25
4			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	18
5			1(2H)-Naphthalenone, 7-(1,1-dime...	202	C14H18O	022583-68-2	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

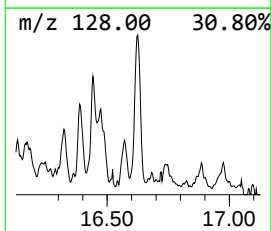
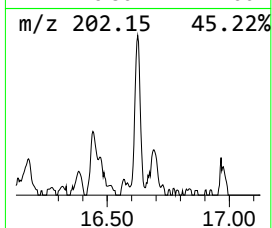
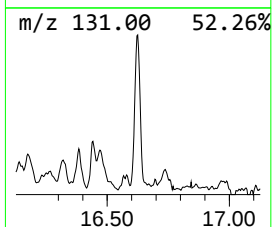
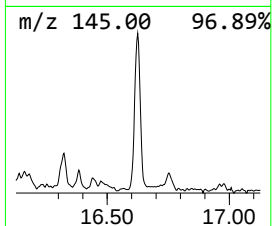
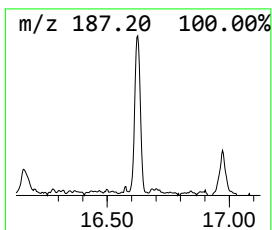
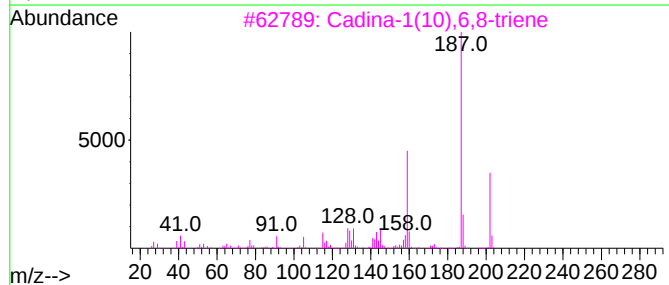
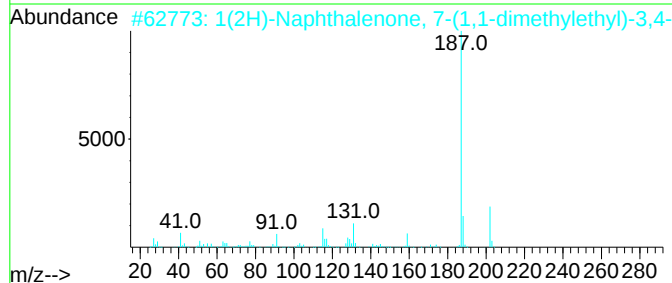
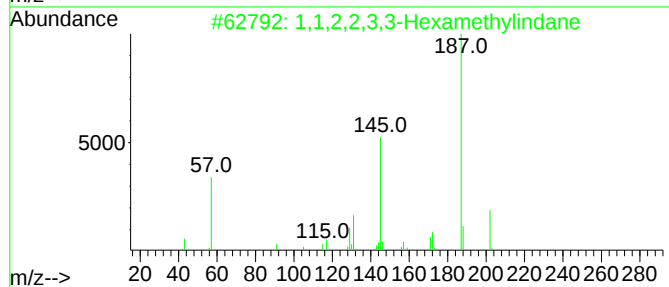
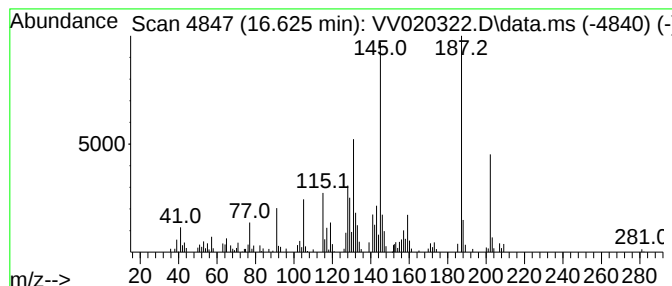
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1,1,2,2,3,3-Hexamethylindane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.625	2.58 ug/L	99722	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,2,2,3,3-Hexamethylindane	202	C15H22	091324-94-6	74		
2	1(2H)-Naphthalenone, 7-(1,1-dime...	202	C14H18O	022583-68-2	64		
3	Cadina-1(10),6,8-triene	202	C15H22	001460-96-4	60		
4	Benzene, 1-(5,5-dimethyl-1-cyclo...	202	C14H18O	039877-93-5	52		
5	1-Indanone, 3,3,4,5,7-pentamethyl-	202	C14H18O	010425-83-9	43		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
Data File : VV020322.D
Acq On : 15 Feb 2021 12:40
Operator : SY/MD
Sample : M1370-12ME
Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBGY8ME

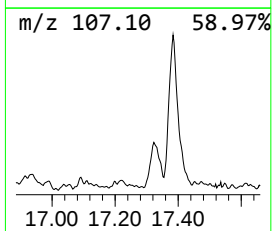
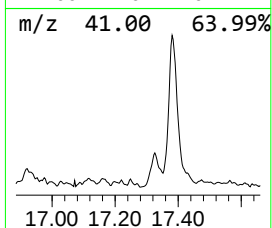
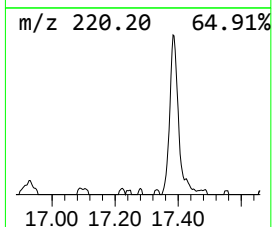
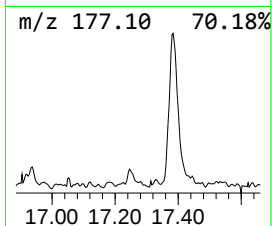
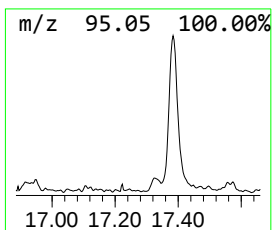
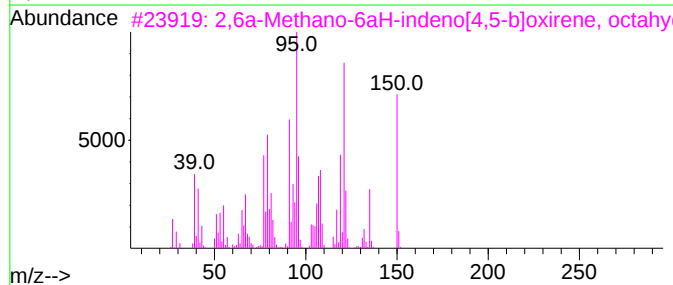
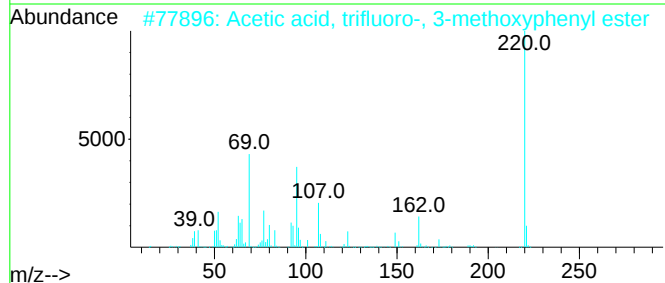
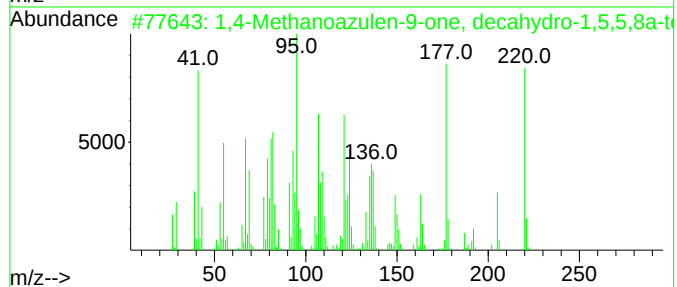
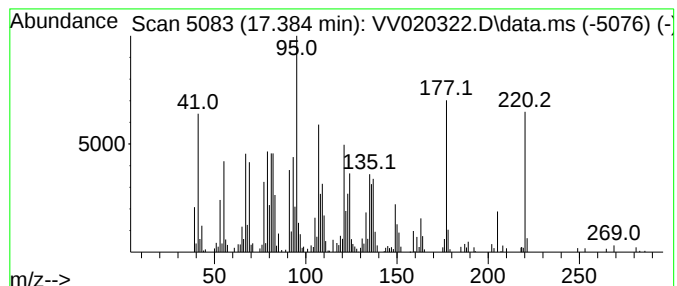
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1,4-Methanoazulen-9-one, de... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.384	6.46 ug/L	249400	1,4-Dichlorobenzene-d4	11.259

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanoazulen-9-one, decahyd...	220	C15H24O	000465-26-9	96
2			Acetic acid, trifluoro-, 3-metho...	220	C9H7F3O3	031083-16-6	78
3			2,6a-Methano-6aH-indeno[4,5-b]ox...	150	C10H14O	016489-32-0	38
4			Bornyl acetate	196	C12H20O2	000076-49-3	22
5			Cyclohexane, 1,5-diethenyl-2,3-d...	164	C12H20	068779-14-6	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021521\
 Data File : VV020322.D
 Acq On : 15 Feb 2021 12:40
 Operator : SY/MD
 Sample : M1370-12ME
 Misc : 4.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBGY8ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid,...	11.153	3.2	ug/L	123531	3	11.259	1929810	50.0
Bicyclo[2.2.1]h...	12.744	2.6	ug/L	101331	3	11.259	1929810	50.0
Tricyclo[5.3.0]...	14.445	4.2	ug/L	163468	3	11.259	1929810	50.0
Cycloisolongifo...	14.677	26.8	ug/L	1033330	3	11.259	1929810	50.0
Tricyclo[5.4.0]...	14.886	17.9	ug/L	690144	3	11.259	1929810	50.0
1,6-Cyclodecadi...	15.030	55.6	ug/L	2145580	3	11.259	1929810	50.0
Isolongifolene,...	15.078	20.6	ug/L	797014	3	11.259	1929810	50.0
1,2,4-Methenoaz...	15.149	231.0	ug/L	8914470	3	11.259	1929810	50.0
1,4-Methano-1H-...	15.275	13.7	ug/L	528457	3	11.259	1929810	50.0
2H-2,4a-Methano...	15.323	378.2	ug/L	14596400	3	11.259	1929810	50.0
1S,2S,5R-1,4,4-...	15.410	8.8	ug/L	338464	3	11.259	1929810	50.0
Longifolene	15.516	876.1	ug/L	33814000	3	11.259	1929810	50.0
4-(2', 4', 4'-t...	15.689	22.7	ug/L	876826	3	11.259	1929810	50.0
unknown-01	15.914	102.6	ug/L	3961370	3	11.259	1929810	50.0
1,1,2,2,3,3-Hex...	16.625	2.6	ug/L	99722	3	11.259	1929810	50.0
1,4-Methanoazul...	17.384	6.5	ug/L	249400	3	11.259	1929810	50.0